

ITEM: 28

SUBJECT: Uncontested NPDES Permits

REPORT: Following are the proposed permits. All agencies and the dischargers concur, or have offered no comments. *Consideration of NPDES Permit Renewal*

	a.	<p>Dicalite Minerals Corporation, Diatomaceous Earth Mine, Shasta County</p> <p>Dicalite Minerals Corporation, Diatomaceous Earth Mine (hereinafter Discharger) owns and operates an open pit diatomite mine, approximately twelve miles north of Burney, Shasta County. The open pit mine is approximately 100-acres in area. The plant site consisting of a stockpile area, offices, fuel storage, drying facility, and packaging is approximately 20-acres in area. The Discharger discharges a variable quantity of settled storm water from ponds at the mine site (D-001) and the plant site (D-002) to an intermittent tributary of the Pit River (and the Lake Britton impoundment). The proposed Order utilizes a site-specific metals translator for zinc effluent limitations, and requires the Discharger to prepare a salinity evaluation and minimization plan. The proposed Order requires the Discharger to implement a combination of BMPs, numeric effluent limitations, and receiving water limitations to ensure the quality of the receiving water is protected.</p>
	b.	<p>Wheelabrator Shasta Energy Company, Inc., and Wheelabrator Lassen, Inc., Shasta County</p> <p>Wheelabrator Shasta Energy Company, Inc. owns and operates a 54-megawatt (MW) wood-fired electrical generating facility (Shasta facility), and Wheelabrator Lassen, Inc. owns and operates a 48.5-MW natural gas fired plant (Lassen facility), in the city of Anderson, Shasta County. The Discharger discharges approximately 3.2-million gallons of cooling water, blowdown water, storm water runoff, and groundwater to the Anderson/Cottonwood Irrigation District (ACID) canal, a tributary of Cottonwood Creek, thence the Sacramento River. The proposed Order contains effluent limits for chloride, chlorine, pH, settleable solids, specific conductance, and sulfate. The proposed Order contains compliance determination language, and other requirements to address a bacteria issue in the effluent and receiving water, and to address the local mixing of an elevated temperature discharge. The proposed Order requires the Discharger to implement a combination of BMPs, numeric effluent limitations, and receiving water limitations to ensure the quality of the receiving water is protected.</p>

RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt. Review _____

Legal Review _____

24 April 2009

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670